

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 18 (Canceled)

Claim 19. (New) A dust collecting apparatus comprising:

a dust receiving unit for receiving dusts, having a rotary brush; and

a dust collecting unit for collecting the dusts received by the dust receiving unit,

wherein

the dust collecting unit includes:

a primary chamber for storing the dusts splashed up by rotating action of the rotary brush;

a secondary chamber connecting through a connection passage with the primary chamber; and

a fan for intermittently feeding the dusts from the primary chamber to the secondary chamber.

Claim 20. (New) A dust collecting apparatus according to claim 19, wherein

the rotary brush generates an air flow for feeding the dusts received by the dust receiving unit to the dust collecting unit.

Claim 21. (New) A dust collecting apparatus according to claim 20, further comprising:
an intake passage provided in periphery of the rotary brush for connecting the dust receiving unit with the primary chamber; and

a leak inhibiting wall provided in vicinity of the rotary brush for inhibiting the air flow generated by the rotary brush from leaking out from the intake passage in a direction of rotation of the rotary brush.

Claim 22. (New) A dust collecting apparatus according to claim 21, wherein
the intake passage is substantially equal to the rotary brush in width.

Claim 23 (New) A dust collecting apparatus according to claim 21, further comprising:
a subsidiary fan for generating a subsidiary air flow to assist the air flow generated by the rotary brush so as to feed the dusts received by the dust receiving unit to the dust collecting unit.

Claim 24. (New) A dust collecting apparatus according to claim 19, wherein
the connection passage is located flush with or lower than a bottom of the primary chamber.

Claim 25. (New) A dust collecting apparatus according to claim 19, further comprising:
a chassis supported by wheels, to which the dust receiving unit and the dust collecting unit are mounted, wherein

a bottom of the primary chamber is located higher than a rotation center of the rotary brush.

Claim 26. (New) A dust collecting apparatus according to claim 21, wherein
a bottom of the primary chamber is located lower at a side of the connection passage than at a dust collection opening which connects with the intake passage.

Claim 27. (New) A dust collecting apparatus according to claim 21, wherein
a bottom of the primary chamber has a group of ribs provided thereon for guiding the dusts stored in the primary chamber to the connection passage while inhibiting a backward flow to the intake passage.

Claim 28. (New) A dust collecting apparatus according to claim 19, wherein
the secondary chamber is greater than the primary chamber in volume .

Claim 29. (New) A dust collecting apparatus according to claim 19, wherein
the secondary chamber is lower at a connection passage side than another side opposite to the connection passage and has a slope thereof inclined from the connection passage side to the another side.

Claim 30. (New) A dust collecting apparatus according to claim 21, wherein
the connection passage is open to a side opposite to the primary chamber and

a portion of the secondary chamber opposite to the connection passage is located upward on the primary chamber.

Claim 31. (New) A dust collecting apparatus according to claim 29, wherein
the secondary chamber has a vent opening therein provided at a side opposite to the connection passage.
the fan is disposed in vicinity of the vent opening at the outer side of the secondary chamber.

Claim 32. (New) A dust collecting apparatus according to claim 31, further comprising a controller for driving the fan intermittently.

Claim 33. (New) A dust collecting apparatus according to claim 19, further comprising a check valve for inhibiting the dusts from returning back from the secondary chamber to the primary chamber.

Claim 34. (New) A dust collecting apparatus according to claim 19, wherein the rotary brush is rotatably linked to an electric motor which is located above the rotary brush.

Claim 35. (New) A dust collecting apparatus according to claim 19, wherein
a housing detachably mounted and arranged to define the secondary chamber.

Claim 36. (New) A dust collecting apparatus according to claim 35, further comprising:
an operating member having retaining portions thereof for retaining the housing to the
dust collecting apparatus and arranged movable upwardly and downwardly for conducting
the action of retaining the housing with the retaining portions.